

The Fortnightly **REVIEW** *of*

THE CHICAGO DENTAL SOCIETY

December 15, 1949

Volume 18 • Number 12

Impression Technique on Docket for January

Dr. K. Paul Ramsay to Speak at Monthly Meeting

An impression technique which will draw particular attention to the muscle trimming of the posterior peripheral border, a hitherto neglected aspect of the full upper impression, will be described at the January Monthly Meeting. This meeting will be held, as usual, in the North Ballroom of the Stevens Hotel on the evening of January 17 at 8:00 o'clock. Dr. K. Paul Ramsay of Beverly Hills, California, will be the guest speaker and he comes well recommended by his California confreres, which is no slight tribute. Dr. Ramsay's subject in full is, "A Functional Full Denture Impression Technique" and the lecture will be illustrated with slides. President Meyer will call the meeting to order promptly at 8:00 o'clock.

THE ESSAYIST

Dr. Ramsay was graduated from University of Pennsylvania in 1926 and a year later received the degree of L.D.S., R.C.S. (Eng.). He has held office in both the American Dental Society of Europe and of London. He is a past-president of the Beverly Hills Academy of Dentistry. As an essayist he is in constant demand and has appeared before many dental groups in the far west. His interest in full dentures dates back to his student days and he has developed his present

technique by constantly seeking perfection—and this is it.

IMPRESSION TECHNIQUE

This impression technique provides a correct and accurate functional impression devoid of pressure and pressure areas, eliminating post-insertion relief of "sore spots," danger of over-extension, etc. It enables the operator to see and determine what occurs to the denture base in function and thereby to alter and correct the impression with knowledge rather than by guesswork.

An impression taken by this method has perfect adaptation, and, being devoid of undue pressure, reduces absorption to an absolute minimum. The impression material used is zinc oxyresinate, which, being soft as cream, accurately reproduces the most minute details. It has the faculty of "crawling," should the base used as a tray be too short, and sets hard like cement, enabling one to remove the impression at will and return it to the mouth as often as is necessary.

Although this lecture will be primarily devoted to impression technique, it must be remembered that the impression is but the initial phase of the construction of successful dentures. However, a good impression will inspire both the operator and patient with confidence.

EDITORIAL

PLASTIC FILLINGS—GOOD OR BAD?

The advent of methyl methacrylate in dentistry has made some terrific changes in the technics that were more or less standardized for years. When plastics were first used as denture bases, we passed through several years of experimentation, eventually developing the most sought after results of good esthetics, ease of handling and repair, durability, lightness, stability, and a reasonable price. We can all remember some of our sad experiences in those days of plastics when we would end up with a denture base of all shades of pink, blues, or even in one case, purple. Experience and research have given us an almost ideal denture base that is still in use today.

It was not long before some of us started to put in plastic inlays—much to our regret and sorrow. Esthetically, these fillings left little to be desired. They were fairly durable as far as wear, and seemed to be compatible with the dental pulp and oral fluids. The big catch came when we found that changes in the temperature of the mouth caused expansion and contraction of the fillings with a resulting break in the cementation and failure of the restorations. The idea of the use of plastics in operative dentistry was not abandoned though, and self-curing plastic restorations began to receive our attention. Dental manufacturers, private practitioners, and institutional investigators finally got enough data together to come out with the material that is at the present time advocated for fillings. The question now is whether or not this material is suitable and practicable for our usage. In the first place, the manufacturers are not consistent in any way as to how it is to be handled—some advocate mixing in a jar, while others say to use a glass slab.

The question of pulp protection is far from settled, as long as some say a cement base is essential while others say it is contraindicated. Since the Bureau of Standards has not as yet passed on to us any definite word on the use of a self-curing plastic filling, we should be a little careful in its use. We all agree that there is a definite need and a place in dentistry for something like this, and all hope it will live up to expectations. Some phases of this new technic will be very demanding. The first one will be the protection and care of the pulp—the fact that methyl methacrylate monomer, in a free state, can irritate the pulp would indicate that some protection is necessary. The heat generated by the curing process would also call for some protection.

The second phase to watch would be the type of restoration placed. Plastics do not have nearly the adhesive properties of silicates and amalgam—the cavity preparation should therefore be definitely retentive, without feather edges. Gingival margins are extremely hard to polish off, and any overhang invites irritation to the gingivae, as well as inviting seepage up to and into the cavity proper. Occlusal portions should be finished absolutely flush or once again we are inviting trouble. Past experiences with plastic teeth have shown that they are not too resistant to wear, so plastic fillings that take considerable occlusal stress are liable to fail. When x-raying teeth with these fillings, care must be taken in diagnosis since plastics do not show. In view of what has been said, it would seem wise to use discretion in our use of plastic restorations. Indiscriminate use may only lead to considerable grief later on. Those fillings that are inserted should be watched very closely until the material has proven itself.—E. J. S.

Puzzling Functional Syndromes*

Abstract

W. C. Alvarez, M.D., Rochester, Minn.

There are a number of functional troubles in the thorax and abdomen which are not always recognized for what they are by the modern physician. Unfortunately, many a young physician was not well grounded in the functional and nervous troubles when he was at college. There he saw mainly organic diseases.

Globus—One would think that every physician should know globus hystericus, but not all do recognize it in its more bizarre forms.

Air hunger and hyperventilation—Commonly the woman with air hunger is thought to have dyspnea, which is an entirely different symptom and due to exertion. Air hunger is practically 100% nervous in origin. It may be very disturbing when it leads to hyperventilation with its faintness and giddiness.

Pseudo heart attacks—Many highly nervous persons awake in the night possibly because of an extrasystole. They are frightened. Their heart may be jumping and racing, sweat may run off them, they may get air hunger, they may hyperventilate, they may get hysterical and fearful that they are dying. If reassured, they get well. If they are sent to the hospital and are told that the electrocardiogram shows disease, they get in a bad way.

Fibrositic aches in the thoracic wall—Many of the pains that are supposed to be due to angina are really due to a fibrositis in the thoracic wall. Often this wall is sore to pressure. The patient may also have sudden jabs of pain, which are due to arthritis about the spine. These aches have no relation to exertion or emotion, and diagnosis should be easy.

Heartburn—Many persons suffer from heartburn, which is a burning or rending feeling running up under the sternum. These persons sometimes think they have angina and unfortunately sometimes they can find a physician to agree with them.

Pseudo angina in young women—Young women often have a pain that runs down the left arm and causes them to drop things out of the hand. When a woman is under 30 years of age and has no hypertension, it is practically out of the question to have coronary disease. These young women get their ache in the arm when they are tired and not when they have walked fast.

Cerebral thrombosis—Occasionally with thrombosis of a small artery in the brain, a sort of storm runs out into the thorax and produces an ache or pain or a distressing feeling, which is often confused with that of heart disease. The important thing is that these persons do not later have dyspnea on exertion. What they often get is a nervous breakdown with an inability to work.

Cardiospasm—Sometimes with cardiospasm there is a peculiar and severe pain that runs out through the chest and upper abdomen.

Constant psychic pain—An ache or misery which is present in an area of the thoracic wall, day and night, and day in and day out for months or years, is almost certainly of psychic origin.

Nocturnal pain or nausea—Many highly nervous men, when working too hard, will sit up from two to four in the morning, complaining of nausea or distress in the thorax. Often this disappears when they take a vacation, and that makes the diagnosis. At other times it disappears if they go supperless to bed, and this suggests that some food, such as coffee, or onions, is causing the distress.

*Read at the Fifth Clinical Conference of the Chicago Medical Society, March 1, 1949.
Reprinted from the Chicago Medical Society Bulletin, September 24, 1949.

FUNCTIONAL DISTURBANCES IN THE ABDOMEN

Many troubles can easily be recognized as functional in nature if the physician will only take a good enough history.

Regurgitation—Many patients go to a physician, saying they are vomiting, when actually they are not vomiting, they are regurgitating food. The food begins to come up in mouthfuls during the meal or shortly after. This disease is 100% functional in origin.

Vomiting—Much can be learned about the nature of vomiting by asking the patient when it comes and how long it lasts, and what is brought up. If only a bile stained fluid comes up and the patient is migrainous, the diagnosis is probably made. One knows that there is no pyloric stenosis or stagnation in the stomach. Often it can be learned that these stormy attacks of vomiting followed some psychic upset.

Belching and air swallowing—Many a patient says he has gas, but what he really means is that he is swallowing air and belching it up noisily again, and keeping this up by the hour. This is a neurosis or psychosis, and not a disease of the digestive tract.

Bloating—Some bloating may be due to eating beans or other indigestible or gassy food. Some is due purely to nervousness, and some is hysterical in origin. With the hysterical type of bloating there is no gas visible in the abdomen with the roentgen rays, and the patient does not pass flatus when the abdomen quickly flattens.

The hypersensitive bowel—Some persons have so hypersensitive a bowel that the mere drinking of a glass of ice water promptly causes bloating or distress or a feeling that the bowel is going to move.

Epigastric burning—A constant burning in the epigastrium is not heartburn and it is never a sign of ulcer; it is apparently a paresthesia in the skin. It is always functional in nature.

Heartburn—Heartburn is a burning or rending feeling under the sternum. Ask the patient to show where it is and he

takes his hand and moves it up his sternum. It appears to be a purely functional trouble in which gastric juice runs back into an irritable esophagus. If the esophagus is not irritated or sore there is no heartburn.

Butterflies, or fluttering in the abdomen—Many nervous women complain of fluttering or throbbing or a feeling of "butterflies" in the abdomen. The symptom is 100% functional.

Nausea—A fairly constant nausea in a woman who is not pregnant makes one think of nervousness or worry. Rarely it can be due to encephalitis, or in older people it can be due to a small unrecognized stroke.

Pains of psychic origin—In the abdominal wall, as in the thoracic wall, constant aches are generally of psychic origin.

Fibrositic aches—Many of the so-called pains "in the abdomen" for which exploratory laparotomies are done are really aches in the abdominal wall, due to a fibrositis or an arthritis around the spine which involves the nerves that leave the spine. In these cases one can pick up a fold of abdominal wall and pinch it and find that it is abnormally sensitive. Such pains are helped by walking around.

The sore mucus-forming colon—Every good physician ought to recognize the story of a sore colon with occasional mucous colics due to emotion or perhaps to eating some food to which the person is sensitive.

Diarrhea—In most cases of diarrhea, no organic cause can be found, and the patient stays well nourished. Often these persons have had a life-long tendency to get diarrhea with excitement. Sometimes this tendency runs in the family. A low blood sedimentation rate tends strongly to rule out any organic disease in the intestinal wall.

Equivalents of migraine or epilepsy—There are quite a few persons who have abdominal storms, perhaps with pain, nausea or vomiting. It helps to know that the patient has a good digestion in between spells, also that he has had many such spells, usually after some psychic

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The
ILLINOIS STATE DENTAL SOCIETY
and the
CHICAGO DENTAL SOCIETY

Joint Program on Federal Health Legislation

Tuesday, December 20

North Ballroom—Stevens Hotel—8:00 p.m.

**Speakers: Hubert Wills, Committee on the Nation's Health
Francis J. Garvey, American Dental Association**

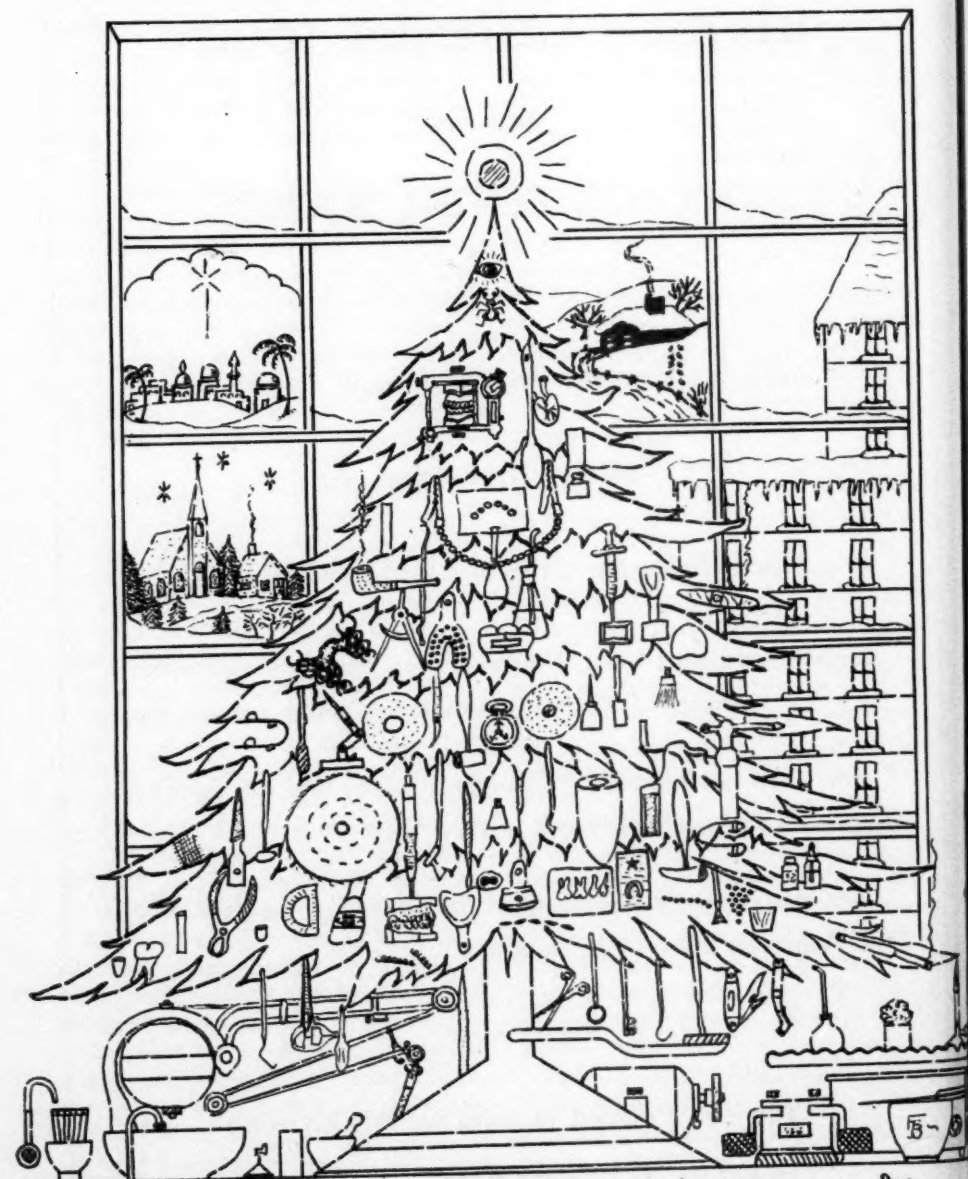
**Mr. Wills is a prominent Chicago attorney and was formerly
Secretary to Senator Wagner of New York.**

**Mr. Garvey is the Secretary of the Council on Legislation of
the American Dental Association.**

**You can't afford to pass up this meeting
The future of private practice is at stake!**

What Now?

By Frederick T. Barich



Merry Christmas



NEWS AND ANNOUNCEMENTS

S.R.O. AT NOVEMBER MEETING

The North Ballroom of the Stevens Hotel was filled to overflowing on the evening of November 16 when Dr. George Matthews, Birmingham oral surgeon, dispensed both entertainment and knowledge in equal proportions to an enthusiastic audience. Dr. Matthews, a Northwestern graduate, spoke on the subject, "Oral Surgery Procedures of Interest to the General Practitioner." His talk was liberally illustrated with slides and he brought home many points, any one of which was, as he himself admitted, "worth the price of admission."

Post Office Inspector in Charge, Chicago, Illinois, HARRISON 7-4820, at once. A wanted circular, containing her picture, is on file at your nearest postal station in the event you wish to view same.

ORAL HYGIENISTS EXTEND GREETINGS

The Illinois State Oral Hygienists' Association extends Season's Greetings to the members of the Chicago Dental Society. We wish to thank you for your assistance during the past year.—*Mrs. Mary Jane Sulser, Publicity Chairman.*

P. O. INSPECTOR REQUESTS INFORMATION

One Argetha Lillian Bloedorn, alias Billie Bowles, Lillian Bowles, Jane Forbes, Johanna Hanlen, Helen Horak, Kay Hunter, Irene Wilson, et al., is under Federal indictment at Los Angeles, California, for mail fraud. There is reason to believe she is having dental work done in the city of Chicago or adjacent suburbs. In this connection she recently had all molars, both upper and lower, removed and may now require partial dentures. She is described as follows: Age 33; Height, 5' 5"; Weight, 105 lbs.; Hair, brown; Eyes, brown; Complexion, fair; slender build; attractive, good dresser.

Also, her husband, Blair Otis Bloedorn, wears an upper plate inscribed with the name "Richard Bowles" and he may find it necessary to seek repairs thereto. He is described as follows: Age 37; Height, 6' 1"; Hair, dark brown; Heavy set; Weight, 210 lbs.

It is desired that anyone having knowledge of this woman or her husband communicate the same to the office of the

DR. RUBIN L. ART 1903-1949

Dr. Rubin L. Art, a member of the North Side Branch of the Chicago Dental Society, died of a heart attack November 8, 1949. He had practiced at 4753 Broadway on the north side for over twenty years.

Dr. Art was graduated from the Loyola University School of Dentistry, Chicago College of Dental Surgery in 1924. He was a past master of Kismet lodge No. 1107, A.F.&A.M. He is survived by his widow, Adele.

DR. FRED H. BROSNIHAN 1879-1949

Dr. Fred H. Brosnihan, a member of the Kenwood-Hyde Park Branch of the Chicago Dental Society, died November 11, 1949. He was a life member of the Chicago Dental Society and the Illinois State Dental Society.

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QUOTATIONS AND ABSTRACTS

CARIES EXPERIENCE AND POLIOMYELITIS

For some time, the way by which the virus of poliomyelitis gains entrance to the brain and spinal cord has been thought to be through the exposed dental pulps. Extensive studies of the respiratory and alimentary tracts have not shown any conclusive results that they might be a possible portal of entry. On the other hand, the work of Howe, Faber, Bodian, Aisenberg, Grubb, and others would tend to support the theory that exposed dental pulps could be the portal of entry.

In 1946, Minneapolis suffered a poliomyelitis epidemic, and the results of a dental investigation made four to six months after the epidemic are presented in this article by the authors. 1,451 Minneapolis school children, with ages from 5 to 15 years, failed to show any relationship between dental caries and clinical poliomyelitis. The subjects included 264 poliomyelitis patients, 464 household contacts, and 723 control children. In summarizing the report, the authors state that the suggestion that the dental pulp might be an important portal of entry for poliomyelitis virus in children is not supported by the results of this study.—*"Relation Between Caries Experience and Poliomyelitis in Minneapolis School Children." (1946 Epidemic), by McCauley, Likins, and Arnold. J.A.D.A., Volume 38. #6:735-740; June, 1949. E.J.S.*

GERM-FREE ANIMALS

This article deals mainly with the growth and development of germ-free animals at the Notre Dame laboratory. It was found that the absence of bacteria does not affect the general body growth, hemopoiesis, or conditions leading to ma-

turity of the organism; nor does it affect the state of development of the brain, heart, lungs, spleen, ovary, thymus, or adrenals. Differences were found in those organs which normally come into contact with bacteria, such as the intestinal tract and its associated lymphoid organs.

An interesting collaborative program on dental caries with the Zoller clinic group has progressed very nicely, with the first phase completed. A diet, producing caries in more than 90 per cent of the normally contaminated control rats, produced no decay when fed to germ-free animals. Some germ-free caesarian-born rats were contaminated with a pure culture of *Lactobacillus* isolated from caries. In February, 1949, one of the infected rats died after only 49 days on the diet and at 75 days of age. Examination of the molars indicated definite disintegration of the enamel. These are the first such lesions observed in any germ-free or germ-free, subsequently contaminated rat.—*"Germ-Free Animals and Dental Caries," by J. A. Reyniers, Investigator, University of Notre Dame, NR-130-067, ONR, Navy Department, Progress to 30 June, 1949. U. S. Navy Medical News Letter, 23 September, 1949. Volume 14, #6:19-21.*

E.J.S.

PHENOLIZED PULP EXPOSURES

Phenol has been used successfully in treating exposed pulps prior to pulp capping with either calcium hydroxide plus water or zinc oxide-eugenol. The experiments of the authors were carried out to determine if it was actually helpful as is thought, or possibly causing more harm than good. They found that phenol produces a superficial necrosis of the pulp tissue, due to its caustic action.

However, the same reaction was found in pulps capped without phenol. In either case, healing took place under calcium hydroxide but not under those capped with zinc oxide-eugenol. In the latter, a persistence of chronic granulation tissue and inflammation in those exposed pulps would indicate that they do not heal at all. In the case of calcium hydroxide, ten weeks after exposure, the exposed pulpal horn has healed, the odontoblastic layer restored, and the exposure has been walled off by a bridge of new dentine—the pulp tissue is normal and free from inflammation.

The findings above would indicate that the use of phenol prior to capping of exposed dental pulps does not help nor hinder the healing process. The use of zinc oxide-eugenol is contraindicated and the use of calcium hydroxide advised.—“*The Healing of Phenolized Pulp Exposures*,” by Zander and Glass. *Oral Surgery, Oral Medicine, and Oral Pathology*; June, 1949. Volume 2, #6:803-810. E.J.S.

ETHICAL IDEALS FOR THE DENTIST

The Dentist should maintain a standard of competency in his own field, entirely apart from all consideration of public opinion or private gain. He may fall far short of his own standard, but he must never blur the distinction between good and poor work.

The Dentist should consider his compensation, in whatever form it may be given to him, as a secondary end; and he should not only be content with a modest income, but also regard it as a part of his professional duty to make it clear to all concerned that a professional man is not interested in amassing wealth.

The Dentist should take a personal interest in recruiting for his own and for other professions the most promising of the youth of the nation, and he should take a corresponding interest in the problems of professional education.

The Dentist should deliberately culti-

vate honest criticism of his own and all other professional work, training himself to hate sentimental praise and ignorant fault-finding, and developing to the extent of his ability the difficult art of clear-sighted, constructive critical judgment.

The Dentist should regard himself as a guardian of the public interests in every situation where he finds those interests in jeopardy, because this is his first obligation to the society which has given him his professional education and opportunity.

The Dentist should champion complete liberty of thought and expression, whether popular or unpopular, without yielding in the slightest degree his own convictions as to what is true or false, wise or foolish, right or wrong.

The Dentist should encourage the experimental spirit in every department of human affairs, because he knows that all human progress has come about by this method.

The Dentist should use every opportunity to promote better mutual understanding among men of different classes, nations and races, recognizing that education and experience should enable him to rise above all fears and hatreds, and to serve as interpreter and peace-maker among men.—*Indian Dental Review*, July, 1949.

A HYPOTHESIS OF THE PRODUCTION OF DENTAL CARIES

It is assumed that lactic acid results from reaction between lactobacilli in the mouth and carbohydrate material packed in the grooves in the biting surfaces of the teeth. The acid thus produced attacks the enamel and causes caries. Pincus (*The Production of Dental Caries*, *Brit. M. J.* 2:358; Aug. 13, 1949) points out that the grooves of molar teeth are shallow cusps on the biting surface with extensions far into the tooth. Such extensions are narrow and deep. The protein filling the groove may remain undisturbed, but the groove protein, the enamel protein

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BOOK REVIEWS

New Gould Medical Dictionary: by Harold Wellington Jones, M.D., Normand L. Hoerr, M.D., and Arthur Osol, M.D., with the cooperation of an editorial board of eighty contributors; 222 illustrations on 45 plates, 129 in color; first edition, The Blakiston Company, Philadelphia, Pa.

Blakiston's *New Gould Medical Dictionary* is a completely new reference work. The result of five years intensive study by innumerable scholars, it is truly the last word. There have been so many advances in the various fields of medicine and allied sciences that the reader frequently is confused by the words he encounters. With this book for reference, no one need ever be confused. Eighty contributors, each of whom is readily recognized as a leader in scientific endeavor, have lent their wholehearted cooperation to this project. More than 300 modern texts, journals, yearbooks and standard indexes of many specialties were critically examined before this volume was compiled.

Assuming that the function of a dictionary is to inform by accurate description, the editors have been careful to determine actual current usage and record it with utmost clarity. They have deleted words that are now obsolete and have avoided repetition. All this makes for a less bulky and more easily handled volume.

The illustrations are particularly good and are integrated with the text by a system of keyed cross-references.

Pronunciation is always a cause for despair when applied to medical terminology. In this dictionary, a new system provides the reader with an accurate guide without burdening him with the necessity of mastering a complicated series of phonetic symbols. He can catch on at a glance.

Blakiston's *New Gould Medical Dic-*

tionary is very comprehensive. It defines words used in all branches of medicine, including medical physics and chemistry, dentistry, pharmacy, nursing, veterinary medicine, biology and botany, as well as medicolegal terms. The dentist who is called upon to discuss mutual problems with the physician will find this book extremely useful.—J.H.K.

An Introduction to the History of Dentistry: with medical and dental chronology and bibliographic data. And, **An Introduction to the History of Dentistry in America.** Washington's need for medical and dental care; Howdon's life mask versus his portraits. By Bernhard Wolf Weinberger, D.D.S., New York City. Two volumes. Cloth. Illustrated. Price \$20.00. The C. V. Mosby Company, St. Louis, Missouri; 1948.

The titles of these volumes belittle the scope and magnitude of the work between their covers. If, after reading them, anything is left to be known about dentistry's past, previous to the year 1800, it cannot be worth knowing.

This work is the culmination of forty years of study and research by Dr. Weinberger. It was in 1910 that he presented his first paper. Since that time, he has acquired more titles and positions in the field of dental history than we have space to enumerate. Having found much contradictory and incorrect evidence in other histories, the author by-passed them in preparing these books and derived his information entirely from original manuscripts, documents, and even archeological material. Thus this history is based on undeniable fact rather than questionable tradition.

Volume I traces the development of dentistry through ancient and medieval times to the beginning of the nineteenth

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NEWS OF THE BRANCHES

SOUTH SUBURBAN

Just about this time of the year, the spirit of fellowship and good will toward men stirs itself in the depths of our bosoms and we begin to look upon one another with a kindlier gleam in our eye. Even the patients notice this and just like Newton's third law, there is a reaction of cancellations and broken appointments. Your correspondent has been thinking about the situation and rather than sit about at the mercy of the patient during the holiday season, subject to whether his whim would have him keep his dental appointment, has come up with the thought that now would be the ideal time to get away for a vacation. If there is no column in the January 1 issue of the REVIEW, you will know that I have taken off for parts unknown. . . . Just in case this should be, our first meeting of 1950 will be held on the second Tuesday of January, instead of the first as has been customary. Our speaker is a man with whom we have already had slight acquaintance, Dr. A. V. Purinton. Those of you who were in attendance at our October meeting will remember that Dr. Purinton was there to give us a preview of his talk. The subject: "Public Relations—Its Importance to the Individual Practitioner of Dentistry." To quote from a letter that I received, "The lecture scheduled will highlight business conditions as of that date, their significance to the practitioner of dentistry, and particularly the part that he, personally, plays in the development of a better public relations program for the entire profession, and how better participation on his part will improve his own practice." Doesn't that sound like it packs a wallop? . . . Received a card from Clarence Folkers, who seems to have anticipated my idea of a vacation at this time. He left Sunday, November 27, for Miami, Florida, and

will return on December 23 to spend Christmas here. In his card, Folkers also mentioned that Carlson is improving nicely from his recent illness, but as yet no date has been set for his return to practice. . . . As I sit here typing, it occurs to me that I have not seen "The old man of the mountain" (Tracy) at our meetings this year. Kind of miss arguing with the original "againster." . . . Got word from one of my taproots that Lionel Drues is just back from a trip to Spokane, Washington, where he went to visit a brother who is ill. . . . Just a reminder from all the officers of South Suburban wishing all youse guys a very Merry Christmas.—H. C. Gornstein, Branch Correspondent.

NORTH SUBURBAN

The time has come to give the readers of this column a break. For reasons that are better left unmentioned, this will be one of the shortest of the year. Having saved you a few minutes reading time, you can add them on to your Christmas shopping time. You'll probably need them. . . . Our program chairman, Bill Redlich, has everything lined up for our next meeting, January 10, at the North Shore Hotel. Dr. LeRoy Kurth of Chicago will discuss "Centric Relation In Full Denture Construction." . . . An item of news finds Charlie Shaner helping Paul Bostian buy a new house. . . . Charlie McArthur was seen talking to the Travel Bureau agent, Jim Plants, about a Florida vacation. . . . It's good to see LeRoy Smith getting out to the North Suburban meetings and telephone lectures. . . . Honorable mention for manual labor on Clinic day goes to: Carl Schramm, Axel Pedersen, Doug Meinig, Charlie Mercier, Adrian Swanson, and Dick Renn. Thanks, fellows! . . . An item for gossip: Why the big party promised by

H. L. New hasn't come off, or has it? . . . That's it, fellows, except for wishing you one of the Merriest Christmases and the happiest New Year you have ever been wished.—*I. Milton Dawson, Assistant Branch Correspondent.*

WEST SIDE

A motion was passed at our last meeting to have a resolution sent to the families of the deceased D. W. McEwen and Clyde West. This would be a very fine way of expressing our sorrow in their deaths. . . . The Forum committee has scored another hit on arranging to tour Stateville penitentiary. . . . Our treasurer, Frank Kozlowski, reports that our bank balance is well in the black. One of the members suggests that we suspend dues for a few years. Shall we put it in the form of a motion? . . . Our drive to increase West Side memberships is still going on. Welcome to three new members: Sam Silver, Sol Goldman, and Herbert Omens. We hope to see you regularly at our meetings and wish you to take an active interest in your new Branch. . . . Henry Lee writes that he misses our meetings and hopes to visit us soon. . . . The Lawndale Dental Club held their first meeting recently. Ed Soucek showed his colored films on South America. Ed's film is just about the most beautiful photography you can ever see. I hope someday Ed will have an opportunity to show this film at one of our meetings. . . . F. Nienstedt has a new television set and invites all members over. Just bring your own popcorn. . . . Adolph Stark has returned from a pheasant hunt in Watertown, North Dakota. He had no trouble getting his limit. . . . Art Tessler has been away from his office for several weeks due to a badly infected finger. Art says the infection was due to an abrasion on his finger while working in a patient's mouth. This is an example of the risk of infection when working in the oral cavity with a cut or abraded finger. . . . Milton Traxler moved into his new home in

Glencoe. In his spare time he is busy as a beaver getting things in order. Milt has been a member of the West Side Branch for twenty-one years but, due to the fact that he practices in the Loop and resides in the suburb, he has transferred to the North Suburban Branch. . . . Irv and Mrs. Miller were dinner guests at George Vogt's home. George's daughter, Joan, who is only ten years old, was a grand hostess. . . . Sam Kretshmer is taking his annual trek south to Florida. . . . Hal Epstein moved into his new apartment in Austin. . . . Also, Norman Moses got himself a house in Austin and is spending all his time remodeling and decorating the home. Good luck in your new homes, fellows. . . . Bill Walden has been working on one of Bob Tuck's teeth for several months. Bob wants to know how long it takes for one to drill into the pulp. Don't worry, Bob, you are being prepared for a demonstration case in your school. Anyhow, the tooth can always be extracted. . . . To return to a more serious mood, I see that this issue will be out just before Christmas. I want to take this opportunity to wish all of you and your families a very happy and joyous holiday season. From each and every member—Merry Christmas to all.—*Irwin B. Robinson, Branch Correspondent.*

KENWOOD-HYDE PARK

President Larry Johnson and his officers extend to you and those dear to you the Season's best wishes, and the hope that your Christmas will be a very merry one and the New Year bring you prosperity and happiness. While still in the spirit of the Season, may I remind you to send that check for your American Dental Association seals. Make it generous, for this is one way in which you and I can give a lift to those of our profession who are less fortunate than we. . . . This is also a time for stock-taking and making of resolutions, and may one of yours be to "do my utmost to attend and support my Dental Society and together

make 1950 the best in the history of dentistry." . . . So, start 1950 right by marking off that January 2nd date for the Kenwood Meeting at Hotel Sherry. Dr. Maury Massler, Professor of Pedodontia at the University of Illinois College of Dentistry, will be the essayist. His paper will be titled "Clinical Management of Rampant Caries." Dr. Massler should bring to us some of the most recent developments in caries research, and from his broad experience give us much help with this very baffling problem. . . . Remember that date, January 2. . . . Ralph Libberton is again on the go. He will give a full denture clinic at the Greater New York Meeting early this month. We are glad to see Gramps back in the swing of things. . . . Ben Herzberg, our hard-working program chairman, is attending the National Orthodontic Meeting in New York. . . . Walt and Mrs. Dundon are getting to be the travelers, for they, too, will attend the Greater New York Meeting. . . . His Honor, the Mayor of Palos Park, A. M. Bressler, is now hobnobbing with the movie stars. He and Tom Mix were duck-shooting on the Illinois River and really got some ducks. If you have any movie or radio ambitions, see Bress. Nuf said. . . . For dinner reservations, call Stan Wrobel at PLaza 2-6020. Any news, telephone me at SOuth Chicago 8-1823.—*Elmer Ebert, Branch Correspondent.*

NORTHWEST SIDE

Sufficient time has now elapsed so that the gastronomic disturbances following overindulgence at the turkey feasts are all cleared up and it is safe now for your correspondent to hope that each and everyone of you had a most enjoyable Thanksgiving Day. . . . While we're at it and in a mellow mood, we are mindful that we won't have another opportunity before the new year arrives to get in our felicitations, so here's wishing you a healthy, happy, prosperous and peaceful year. . . . It's an occasion, too, to take a moment to thank all those who have

helped me in my little task of getting out these notes on the comings and goings of our branch members and about the things that affected them in particular and our profession as a whole. Thanks, fellows, and keep on sending the stuff. . . . Now, back to our bulging mail sack. . . . Incidentally, those of you who attended our November 8 meeting, which still ranks high in our memory, may have wondered why one of the speakers, Dr. W. A. J. Link, did not appear; the reason—he was really very ill. We hope that his most recent honor in his appointment to the American College of Dentistry will somehow help him on the road to recovery. That November 8 meeting really was a magnet for a great many people outside of our branch. We mentioned some of them in our last news report, but here are a few more—Floyd Blackman, Elgin, Ill., who is vice-chairman of the Illinois State Dental Health and Education Committee, came and brought his son; Oland Johnson, Bloomington, Ill.; Dayton B. (Red) Berk, of the North Side Branch; Dr. R. Kehina, head of the Pedodontia department of the Zoller Clinic; and Dr. Stanley C. Chun of the Oral Surgery Department of the Zoller Clinic. . . . There were many other names we didn't succeed in capturing, but we also welcomed many of our long lost brethren, such as Eugene H. Jaeger, whom we were glad to see and who has fully recuperated after a long illness. Most welcome, too, were Joseph Laskov, Earl and Samuel Kuznetsky (a fine father and son combination). . . . B. Schulman and C. R. Carpenter both attended the meeting and are both leaving for Florida vacations (but not together!). . . . Victor Griseto had to "batch" it for a while during his wife's trip to visit her folks in Oklahoma, but Vic had the able assistance of his son, Victor, Jr., who attends Wright Junior College, and his other son, who is a sophomore at Loyola Dental School. . . . We have a slightly red face—in a recent column, we had Casimir Rogalski's son attending Mundelein College and doing very, very well!!! No wisecrack was in-

tended, but it happens that Mundelein is a girls' school, but strictly! It was really St. Mary of the Lake Seminary—anyway, the lad is still doing well and Pappy Casimir has finished the remodeling of his office, so there! . . . Other remodelling jobs just completed—Lester DeRome and William Lowy—congratulations and best wishes! . . . We have just received a report that the offices of Folmer Nymark and Morris Bernards were swept by fire. The fire caused extensive damage to their equipment. . . . We regret to report that at the time of going to press, our president-elect, Irwin Neer, is afflicted with a "strep" throat; he has been engaged in extensive remodeling of his present office and expected to be completed by December 15. He will have open house after the 15th and will welcome your visit. All those who are aware of Irwin's penchant for gadgets of all kinds are going to make a bee-line for his new set-up to take in all the new wonders! . . . Our president, Pete Wlodkowski, attended an alumni executive council meeting at Champaign and was thus able to take in the big Illinois U. football game. . . . Also in Champaign at the same time was our indefatigable secretary, Gerson M. Gould, downstate to visit his son, who is attending the university; so he, too, cheered on the fighting Illini. . . . Apparently Jim Mershimer came away unscathed from that national convention of his kin which was billed as a family reunion, because he has recently returned from a hunting trip at Eau Claire, Wis., and reports that he bagged almost as many pheasants as he has relatives! (If that constituted a violation of the hunting laws, please don't report him!) . . . We are pleased to report that Pete Wlodkowski, answering the call for help in the school health program, singlehandedly took on 140 children for examination at the Avery Conley School in Downer's Grove, Ill. Also volunteering recently were Sidney Janows and Stanley Pogerske, who were at the Lowell School. Sidney's brother is a dentist in Brookfield. . . . And, we regret to learn that Sidney's father, Nepolen, passed

away at the age of 66 on November 5. . . . Mark Spencer spent the Thanksgiving Day interlude visiting friends in Iowa. . . . We would like to point out that in connection with our monthly meetings, if you can't come in for the extremely enjoyable dinner portion of the evening, by all means get there for the business and program portions. In these columns we have reported some of the fine things you can be seeing, hearing and learning about. Many outsiders and even downstaters have been attending, so there *must* be something to it! . . . See you at the next meeting.—*J. S. Lebow, Branch Correspondent.*

WEST SUBURBAN

Bill Murphy of Elmhurst has become the assistant to the assistant correspondent of the West Suburban Branch. His heels were really clicking when he told me about Art Adams paying off those bets on Bill's Notre Dame. Seems like Bill really gambles recklessly (on a sure thing—who can beat a sixty-eight man team, Bill?) The next few items we owe to Bill also: "Elmer Eckert, that young lad from Woodstock, has bought a palatial home in Elmhurst. Understand he's going to raise chickens in his basement to pay off his mortgage. It'll take 16,666⅔ dozen eggs. Steve French has become a grandfather again." Thank you, Bull—Oops, I mean Bill—Murphy. Keep that diary; I'll want to quote from it next February. . . . G. F. and Mrs. Barnes and F. G. and Mrs. Robeson have put their shoes on again after having spent Thanksgiving in the Ozarks. Is it true Li'l Abner has skunk stew for his dinner? If it isn't, I think we had better tell Al Capp the score, no? . . . D. H. Browning of Lombard went bear hunting in Iron Mountain with his brother, who is an M.D. there. Says he brought back a buck. Didn't say how many bucks he took up with him, though. . . . Roy Schluchter, Sr. has bought a house trailer and is planning to take a winter vacation of six weeks down South. Your correspondent hopes

to go south, too, this winter; want to see if Bernie Glaser is still on 79th street. . . . H. J. Buchner is going to Northwestern University Dental School for an orthodontia seminar. . . . Wayne Dunnom has become a member of the American Society of Anesthesiologists after completing a summer residency at Presbyterian Hospital. . . . Many new faces were seen at the last meeting and round table, and we're all looking forward to the clinic on the Tolar periodontal technique. See you on Valentine's Day.—*George E. Fleming, Assistant Branch Correspondent.*

ENGLEWOOD

Bill Shippee and Ed Werre took advantage of the open season recently and were off after some pheasant; they were very successful, I understand—by ear, not by taste. They are old birds at that stuff. . . . The Thanksgiving storm gave Bill O'Brien quite a workout. He spent most of the morning brushing the snow off the uncovered floors in his half-finished house. If they don't hurry up and get a roof on that building, Bill will be a physical wreck. . . . Axel Alson also has the construction fever, but his is a new office building at 79th and Carpenter. The place is going up rapidly but it looks as if the housewarming is still some months away. . . . Clarence Krauser went back to his home town for a few days to take care of that Thanksgiving turkey. . . . No season of the year is not suitable for a vacation, it seems, for I hear Bill Hille-meyer is off on one now. Maybe any season is a good one for a vacation. . . . Boles Gobby and R. C. Van Dam, part of a team from the Denture Research Group, took part in some limited attendance clinics on *Psychosomatic Principles of Denture Practice* during North Suburban's Annual Clinic Day recently. . . . R. C. and his wife also took a weekend airplane trip to New York. Well, that's one way to make people look up to you!—*Francis J. O'Grady, Branch Correspondent.*

NORTH SIDE

Bang! Bang! Bang! Here we go again! Everyone just settled down from summer vacations and the American Dental Association meeting, when along comes quaaack, quaaack, quaaack. Naturally, when this happens, many can think only of filling one thing, and that is, not a tooth, but a fouling; OH NO! I mean fowling piece. I'm sorry our nimrods are so secretive, for I know there are many more, but Mel Zinzer got his limit easily in southern Illinois. Al Boman also went there not once, but several times. In fact, I think he goes between appointments, for I saw him catching twenty winks after lunch the other day. . . . Really should have mentioned the pheasant shooting before the ducks, but the ducks seemed to be in the air at the time. O. A. Helmer and Van Carmichael took care of the pheasant situation. O. A. flew to his hunting lodge in South Dakota and shot himself quite a batch, natch. Flying is the way to get there fast, but it may not always be too comfortable. His, being a private plane, was rather rough riding, and one in the party became ill, so used his hunting hat for an unintended purpose. O. A. is also flying to Texas and Mexico for deer, I mean deer, turkey, and quail (one can work that over, too). He said he was going fishing, but I don't recall if he said for what. Guess it depends on one's bait. . . . Ed Luebke had no trouble in getting his load off, which was probably 30.03, for he got his buck the first hour. Some imposter, who calls himself a friend of Ed's, told me that Ed feeds those animals all summer and gets to know their names; then in the fall he goes up there, has a big fat breakfast, picks up his rusty hunting rifle, walks out on the back porch, hollers "Big Horn," and here comes a nice fat buck. When he gets about 25 yards away, Ed throws him a carrot, puts on his bifocals, waits till he finishes the carrot and is sure he will run away, then levels his rusty rifle and there's meat in the deep freeze. . . . Ken Penhale will probably get a little hunting

(Continued on page 25)

Minutes of the Regular Meeting of the Chicago Dental Society

Stevens Hotel
November 15, 1949

The regular November meeting of the Chicago Dental Society was called to order by President Meyer at 8:20 p.m.

A motion was regularly made and severally seconded that the reading of the minutes of the meeting of September 27 be dispensed with inasmuch as they have already been published in *THE FORTNIGHTLY REVIEW*. Motion carried.

A motion was then regularly moved and severally seconded that the minutes of the meeting of September 27 be approved as prepared by the Secretary and published in the November 1 issue of *THE FORTNIGHTLY REVIEW*. Motion carried.

Reports of boards and standing committees—none.

Reports of special committees—none.

Unfinished business—none.

New business:

President Meyer announced that Dr. Harold Hillenbrand had been reappointed General Secretary of the American Dental Association and that Dr. Lon W. Morrey had been named Editor by the Board of Trustees at the annual meeting in San Francisco. He also announced that Dr. Harold W. Oppice of Chicago had been unanimously named President-Elect by the House of Delegates at the San Francisco meeting.

Dr. James H. Keith, Chairman of the Committee on Information for Federal Health Legislation of the Chicago Dental Society, was then introduced by President Meyer and asked to announce the December meeting. Dr. Keith re-

ported that the next regular meeting of the Chicago Dental Society to be held on Tuesday, December 20, would be devoted to a discussion of Federal Health Legislation. He stated that Mr. Hubert Wills would support the cause of the federal administration for Federal Health Legislation and that Mr. Francis J. Garvey would discuss the viewpoint of the profession in opposition to the passage of such legislation.

President Meyer then introduced Dr. Edgar W. Swanson, Assistant Treasurer of the Tuberculosis Institute of Chicago and Cook County, who discussed the need of the Institute for funds to combat tuberculosis. At the conclusion of Dr. Swanson's report he moved that the Chicago Dental Society endorse and approve the Christmas Seal sale sponsored by the Tuberculosis Institute. This motion was properly seconded and carried.

Dr. Kenneth Bignell, Chairman of the Monthly Program Committee, was then presented by Dr. Meyer. Dr. Bignell in turn introduced Dr. George W. Matthews of Birmingham, Alabama, who spoke on "Oral Surgery for the General Practitioner."

At the conclusion of Dr. Matthews' presentation Dr. Meyer, on behalf of the Society, thanked him for his interesting and stimulating discussion.

There being no further business the meeting adjourned at 10:30 p.m.

Respectfully submitted,
EDWIN W. BAUMANN, Secretary

1950 MIDWINTER MEETING
FEBRUARY 6-9

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APPLICANTS

(Continued from page 21)

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NEWS AND ANNOUNCEMENTS

(Continued from page 11)

Dr. Brosnihan was graduated from Northwestern University Dental School in 1904 and practiced at 6248 University Avenue on the South Side. He was a member of Kenwood Lodge No. 800, A.F. & A.M. He is survived by his widow, Mary H.; a daughter, Mrs. Hildegard B. McLouth; a son, Fred H. Jr.; and three grandsons.

DR. C. H. CORDICK 1877-1949

Dr. C. H. Cordick, a member of the Englewood Branch of the Chicago Dental Society, passed away October 22, 1949.

Dr. Cordick was a graduate of the University of Pennsylvania School of Dentistry, class of 1905. His first office was in Kankakee and he later moved to Chicago where he practiced on 63rd Street on the South Side for over twenty-eight years.

DR. CARL PETERSON 1884-1949

Dr. Carl E. Peterson, a member of the Englewood Branch of the Chicago Dental Society, died aboard a train in California on October 15, 1949, while en route to the American Dental Association meeting in San Francisco.

Dr. Peterson, who was graduated from Chicago College of Dental Surgery in 1916, practiced at 10900 Michigan Av-

enue. He is survived by a daughter, Mrs. Jean Santoro; and a sister, Mrs. Anne Carlson.

QUOTATIONS AND ABSTRACTS

(Continued from page 13)

and the dentine protein all contain combined sulfuric acid. Many bacteria, including strains of gram-negative bacilli in the carious material, can form from sulfatase, an enzyme which acts on a polysaccharide in these proteins releasing sulfuric acid. As yet the enzyme has not been shown to attack the dentine or enamel proteins but has been shown to attack a polysaccharide from these substances. When this acid is freed, equilibrium is maintained by the release of calcium salts (particularly calcium phosphate) in sound tooth structure, resulting in calcium sulfate. This might be expected to leave a friable enamel and soft dentine, the enamel being the more seriously affected because of its higher inorganic content. Although the production of lactic acid is not denied, there is insufficient proof that a degree of acidity sufficient to produce caries is ever maintained in the mouth cavity. In fact, caries does not develop in the superficial part of the groove as would be necessary in the carbohydrate plaque but rather makes its first appearance at the bottom. Calcium sulfate has been identified in carious material. The conditions at the bottom of the groove would be favorable for the multiplication of bacilli and the action of the sulfatase and other necessary enzymes. — *Reprinted from "Current Comment," J.A.M.A., Nov. 19, 1949.*

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NEWS OF THE BRANCHES

(Continued from page 19)

in also for he has gone to Canada, but I don't think he will know them by name. . . . Russ Boothe took a little trip to Ohio, but it turned out to be more, for he got too far away from old Lake Michigan and ran into quite a quantity of snow. . . . Vic Fettig is not taking any chance on snow for he is in Ft. Lauderdale, Florida. Hope his luck is better than last year, when he broke his leg. . . . Marvin Ericson is spending a week at his place in Michigan, probably getting deer and bear. . . . B. Q. Smith surprised the Walter Hoags and Harry Morrows by having a Mexican farewell party. When the guests of honor walked in, all the others, such as Jo and Roland Weber, were sitting around apparently having a siesta (Roland did wake up when some one happened to say "Schlitz"), with costumes as Mexican as enchiladas dipped in tequila, and what fun! . . . Some are staying home, and well do I

know, for the Charlie Hoffmans had a baby girl about a month ago. . . . Vernon Boman, Bill Williams, Sidney Asher, and Harry Kent attended the Orthodontia Forum at Northwestern and got a few things straightened out. . . . Some people "just won't quit" as they say in the South. Now Earl Hullison has gone and bought an additional business (die making), and also a new car. He'll need the car to get to and from both his projects, and probably an assistant. Good luck, Earl! . . . Marshall Jastromb has opened his own office. He was formerly associated with Paul Silver. . . . D. J. Normoyle has been at home recuperating from a slight eye operation. . . . M. G. Winograd just returned from New York where he saw several shows, including *South Pacific* which was very, very good. . . . Leo Frey has returned from a short hunting trip. . . . A. T. Gunnarson went to Minneapolis to spend a week end with his mother. . . . Remember, no Telephone Extension Meeting in December.—Robert C. Pond, Branch Correspondent.

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PUZZLING FUNCTIONAL SYNDROMES

(Continued from page 8)

strain, and that never has he gone on to intestinal obstruction. Often he or his relatives are migrainous; rarely some of them have a convulsive disorder and he has dysrhythmia in his electroencephalogram.

Food allergy—Quite a few abdominal distresses with flatulence and pain and perhaps some diarrhea are due to food allergy. The best way to find out is to put the patient on an elimination diet or to have him keep a record of unusual foods eaten just before a spell.

Abdominal pain due to emotional debauches—Some persons can get violent attacks of abdominal pain, resembling attacks of intestinal obstruction, due to an emotional debauch.

Pain due to constipation—Some sensitive persons, when constipated, get hunger pain which is relieved by eating. The food apparently pushes gas out of the duodenum and down into the colon.

Tabagism—Some of the puzzling nausea and abdominal distresses are due to excessive smoking or chewing of tobacco.

Pain in the region of the liver—In recent years, during the epidemic of hepatitis, there are some persons who have a painful liver. In rare cases, a sore liver can be due to food allergy.

Severe pain due to posterior perforating ulcer—There are some persons, often thought to be only psychopaths, who suffer terrible pain much of the night. A good history would show that formerly they had the typical hunger pain of ulcer. Later one day they had a violent attack of pain, which was probably due to a perforation, and after that they no longer could control their distress by the taking of food or alkalis. These persons generally have a short sinus, running back from their ulcer into the head of the pancreas or back of the stomach. They can be cured only by a resection.

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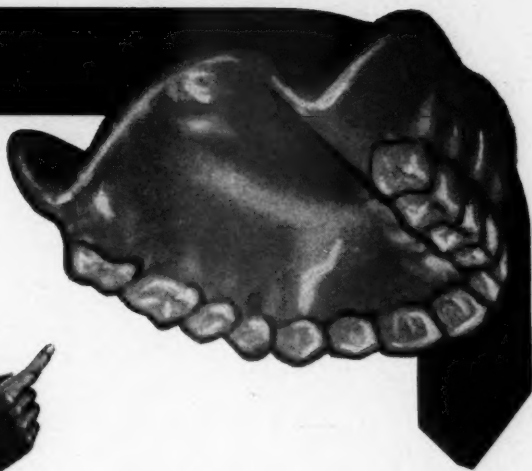
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BOOK REVIEWS

(Continued from page 14)

century. Individual chapters are devoted to the accomplishments and practices of the various ancient peoples, such as Egyptians, Sumerians, Greeks, Romans, Orientals, etc. Appropriately enough, considerably more space is devoted to the period of Fauchard and his successors in the middle ages, when much more was done to further the advances of dentistry. Concurrently, Dr. Weinberger traces the development of dental instruments and accessories such as the tooth brush, tooth pick, dentifrices, etc.

Volume II is devoted to the development of dental science in America from the beginning of colonization, also to the year 1800. This section records the work of the more noted practitioners of the time in individual chapters. These include John Baker, Robert Wooffendale, James Gardette, John Peter Le Mayeur, Josiah Flagg, and, most important of all, several chapters treat of Isaac Greenwood and his numerous descendants who followed his footsteps in the practice of dentistry. Toward the end of the book, seventy pages are used in a dissertation on George Washington's dental difficulties and the effect of his teeth (or lack thereof) on his various portraits and statues.

Notable among the addenda, which typifies the care with which Dr. Weinberger prepared his work, is the bibliography and reference section which covers seventy-seven pages. Numerous specific citations from the body of the text refer to the bibliography, document-

ing the information and insuring its factual basis. The books are also very well indexed. The many illustrations, which are principally photographs of old documents, letters, prints, etc., greatly enhance and clarify the text.

Not being a professional historian, nor even too good a student, I am not prepared to say what flaws may be in its historical content, but it may be assumed that there are no errors that would mean anything to the general reader. Probably the principal criticism is that it is too detailed, to the point of being complicated, for general reading. Whenever there is divergence of opinion among the "authorities" in regard to the interpretation of evidence, the author painfully reviews all the opinions of historians other than himself. Further confusing the reader is the fact that the names of other historians and the people they were writing about are printed in equally bold-faced type. Frequently the chronology is errant, the author skipping from earlier dates to later ones and back again. So far as this reviewer is concerned, the entire section on George Washington could have been omitted or condensed to one-tenth its length. It leaves one with the impression that the author is more familiar with George Washington's teeth than Washington was himself.

Regardless, this is probably the finest dental history to be published in the English language. It is heartily recommended for anyone interested in dental history, as a *must* for every dental library and a convenient and accurate book of reference.—*Hugh Francis Mayr.*

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